AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1.   (Currently Amended) A central medical data archiving system, said system comprising:

a medical data source providing medical data, wherein said medical data comprises at least one of a medical image, a medical patient report, and a medical application;

a status monitor for controlling the transfer of said medical data from said data source to a centralized remote data store, wherein said status monitor monitors operations occurring at at least one of said data source and centralized remote data store and determines the medical data for triggers transfer of said medical data to said centralized remote data store based on said operations; and

a centralized remote medical data store receiving said medical data and storing said medical data, wherein said centralized remote medical data store comprises an application service provider.

2.   (Original)   The system of claim 1, wherein said status monitor verifies said transfer of said medical data from said data source to said remote data store.

3.   (Original)   The system of claim 1, further comprising an access authenticator for authenticating access to said remote data store by said data source.

4.   (Original)   The system of claim 3, wherein said access authenticator authenticates access to said data source.

5.   (Original)   The system of claim 1, wherein said data source further stores medical data.

6.   (Original)   The system of claim 5, wherein said remote data store further restores said medical data to said data source.

7.   (Original)   The system of claim 1, wherein said remote data store stores a copy of said medical data.

8.   (Original)   The system of claim 1, further comprising a second data source for storing medical data, wherein said remote data store transfers said medical data to said second data source.

9.   (Canceled)

10.   (Canceled)

11.   (Original)   The system of claim 1, wherein said status monitor controls the transfer of data from said data source to said remote data store at a definable interval.

12.   (Original)   The system of claim 11, wherein said definable interval comprises a timed interval.

13.   (Original)   The system of claim 11, wherein said definable interval comprises an event-based interval.

14.   (Original)   The system of claim 11, wherein said definable interval comprises a manual interval.

15.   (Currently Amended) A system for remotely accessing a centralized data store, said system comprising:

a centralized remote data store storing medical data indexed according to data source, wherein said medical data comprises at least one of a medical image, a medical report, and a medical application, wherein said centralized remote data store comprises an application service provider;

a status monitor for controlling the transfer of said medical data from said

centralized remote data store to a data source, wherein said status monitor monitors

actions occurring at ~~at least one of~~ said data source ~~and said centralized remote data store~~

and controls said centralized remote data store and said data source to [[the]] transfer

[[of]] said medical data from said centralized remote data store to said data source based

on a trigger, wherein said trigger is based on an action occurring at said data source; and

a data source receiving said medical data and storing said medical data.

16.   (Original)   The system of claim 15, further comprising a second data

source storing medical data.

17.   (Original)   The system of claim 16, wherein said status monitor

controls the transfer of said copy of said medical data between said remote data store and

said second data source.

18.   (Original)   The system of claim 16, wherein said status monitor

verifies the transfer of said copy of said medical data between said remote data store and

said second data source.

19.   (Original)   The system of claim 15, further comprising an access

authenticator for authenticating access to said remote data store.

20.   (Currently Amended) The system of claim 15, wherein said status monitor

verifies said transfer of said medical data between said ~~first~~ data source and said remote

data store.

21.   (Canceled)

22.   (Canceled)

23.   (Original)   The system of claim 15, wherein said remote data store restores said medical data at said data source.

24.   (Currently Amended) The system of claim 15, wherein said remote data store comprises at least one directory corresponding to said ~~first~~ data source.

25.   (Currently Amended) A method for remotely archiving medical data, said method comprising:

detecting an operation involving medical data executed at a medical data source;

transferring said medical data from [[a]] said medical data source to a centralized remote data store based on a trigger, wherein said trigger is produced based on said operation executed at said data source, wherein said medical data comprises at least one of a medical image, a medical report, and a medical application; [[and]]

storing said medical data at said centralized remote data store; and

indexing said medical data according to said data source.

26.   (Original)   The method of claim 25, further comprising the step of obtaining said medical data.

27.   (Original)   The method of claim 25, further comprising the step of storing said medical data at said data source.

28.   (Original)   The method of claim 25, wherein said storing step further comprises storing said medical data at said remote data store in a directory corresponding to said data source.

29.   (Original)   The method of claim 25, wherein said transferring step further comprises verifying said transfer of medical data from said remote data store to said data source.

30. (Original) The method of claim 25, further comprising the step of authenticating access to said remote data store.

31. (Original) The method of claim 25, wherein said transferring step occurs after a definable interval.

32. (Original) The method of claim 31, wherein said definable interval comprises a timed interval.

33. (Original) The method of claim 31, wherein said definable interval comprises an event-based interval.

34. (Original) The method of claim 31, wherein said definable interval comprises a manual interval.

35. (Original) The method of claim 25, further comprising the step of restoring said medical data to said data source from said remote data store.

36. (Original) The method of claim 25, further comprising the step of copying said medical data from said remote data source to a second data source.

53 ~~37.~~ (New) The system of claim 1, further comprising a dedicated network connection for transferring said medical data between said medical data source and said centralized remote medical data store.

54 ~~38.~~ (New) The system of claim 15, further comprising a private network connection for transferring said medical data between said data source and said centralized remote data store.